

BookDrive DIY

World's #1 Book Scanner

Atiz Fast Facts

- #1 best selling dedicated book scanner brand.
- Over 600 installations deployed around the world.
- Helped scan over 3 million books.
- Used by many national libraries and clients such as Carnegie Mellon University, Princeton University, etc.


















What is BookDrive DIY?

BookDrive DIY is a cost-effective book digitization solution that combines the power of digital SLR cameras and the ingenuity of a unique v-shaped, auto-adjusting book cradle and platen to capture sharp images at up to 700 pages an hour.

The Evolution of Scanners

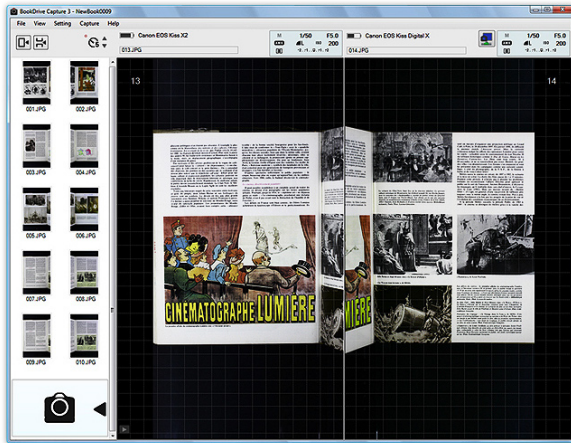
We've come a long way from flatbed and planetary scanners. Thanks to advances in digital cameras, today the v-shaped book scanners from Atiz are empowering libraries around the world to scan millions of books.

Scanner	 Flatbed scanner	 Planetary scanner	 V-shaped book scanner
Book placement	 Face down on 180° plane	 Face up on 180° plane	 Face up on V cradle
Image capture tech	 Linear sensor captures one line at a time	 1 sensor captures spread pages	 2 sensors individually capture a true left page and a true right page
Book centering	Book must be correctly positioned for every scan	Book binding creeps from left to right as pages are turned resulting in margin crawl	Book binding is centered throughout scanning Further handling not required
Flattener	 Stress on bindings	 Fingers holding the pages from flapping	 V-glass gently engages the pages
Capture method	Manual capture Button at every scan	Manual capture Button or foot pedal every scan	Automatic capture Timer and automatic sensor
Results	 Curved text lines Mess near the binding	 Curved text lines Requires software fix	 Straight text lines Natively curvature-free



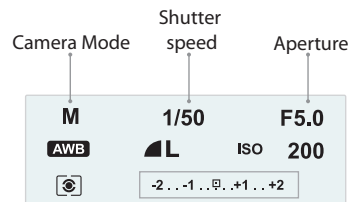
BookDrive Capture

The software to control the cameras for scanning. Press one button to capture both left and right pages and have the images rendered on screen immediately.



Key features

- Supports uncompressed RAW format
- Change camera settings with just a click
- Timed lapse capture for scanning without pushing a button
- Scan left and right pages at the same time to increase productivity
- Easily insert missing pages or replace bad shots anywhere without worrying about filenames.
- Indicator tells status of your camera battery and settings



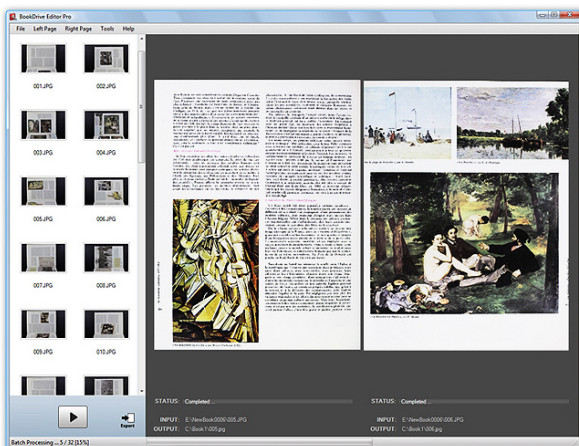
In-software camera settings

You can easily change camera settings such as shutter speed, aperture and ISO values right within the software.



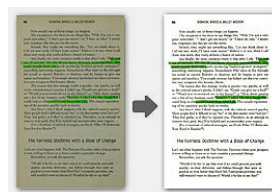
BookDrive Editor Pro

The software for post-scan image processing. It's all you need to convert scanned images into final output of the highest quality, ready for distribution or archiving.



Key features

- Batch processing
- Multi-book and multi-chapter operation
- Comes with recommended settings to help beginners get up and running in no time
- Book profiling for frequent book types
- Background removal
- Adaptive Local Thresholding for B&W conversion



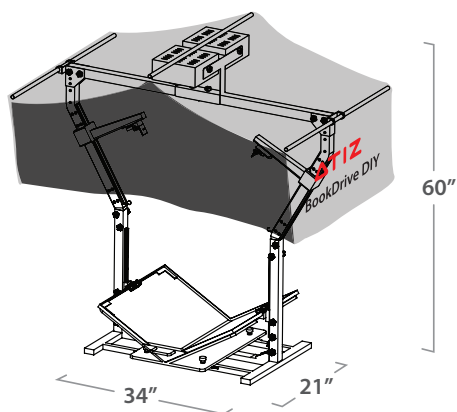
Background Removal

For use when you want to remove only the tinted background while preserving the color and highlight on the page.

Software Requirements

- Windows Vista (32 bit system) or Windows XP
- 64 bit system is not supported
- Requires 2 computers (for Dual PC mode, capturing left and right images simultaneously)
- CPU 1GHz or higher
- RAM 2GB minimum
- 10GB available disk space
- 1024 x 768 resolution monitor

Compatible cameras and lenses for BookDrive DIY	Scanning A4 to A3	Scanning A3 to A2
Cameras with 1.6x field of view crop <ul style="list-style-type: none"> • Canon EOS 350D (XT) • Canon EOS 1000D (XS) • Canon EOS 400D (XTi) • Canon EOS 450D (XSi) • Canon EOS 20D • Canon EOS 30D • Canon EOS 40D 	 <p>EF50MM (e.g. EF50MM F/1.8 II)</p>	 <p>EF35MM (e.g. EF35MM F/2.0)</p>
Full frame Cameras <ul style="list-style-type: none"> • Canon EOS 5D Mark II • Canon EOS 1D Mark III • Canon EOS 1Ds Mark III 	 <p>EF85MM (e.g. EF85MM F/1.8 II)</p>	 <p>EF50MM (e.g. EF50MM F/1.8 II)</p>



Height: 60 inches (152 cm)
Width: 34 inches (86 cm)
Depth: 21 inches (53 cm)
Weight: 77 lbs (35 kg)



Maximum scanning area: 15.5 x 24 inches (40 x 61 cm)

Base

- The platform
- Adjustable camera mount x 2
- V-shaped book cradle
- V-shaped transparent platen
- Glare-prevention shade
- Lighting set (fluorescent bulbs)
- USB hub
- USB numeric keypad
- Software Installation CD
 - 1 license of BookDrive Capture software
 - 1 license of BookDrive Editor Pro software
- Printed and electronic documentation

Optional

- Digital SLR cameras x 2
- Recommended lenses x 2
- AC Adapters x 2
- AutoSwitch

The information on this brochure is subject to change without notice. Please visit www.atiz.com for the most current information.

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